

**Amendments to the Drawings:**

The attached drawing sheet includes amendments to FIG. 2 and replaces original sheet 2.

FIG. 2 has been amended to correct inadvertent errors made by mistake and without deceptive intent. FIG. 2 has been amended to correlate with the specification and the originally filed claims. No new subject matter has been added. FIG. 2 has been amended such that the logical  $V_{UP}$  voltage on control node 297 is provided by the output of a comparator circuit 250 that compares the input voltage on node 291 with a minimum voltage required by a particular load. Support for the amendments appear in the specification at page 10, lines 6-11 and original claim 25, for example.

**Attachments:** Replacement Sheet for FIG. 2; and  
Annotated Sheet Showing Changes for FIG. 2.

REMARKS

Introduction

Applicants have amended the specification and FIG. 2 in order to correct inadvertent errors, thereby more particularly pointing out and distinctly claiming the subject matter that applicants regard as the invention. Each of claims 11-17 has been cancelled without prejudice. Each of claims 1, 18-20, 23-26, 28, and 30-32 has been amended to correct minor typographical errors. Each of claims 18, 23, and 26-28 has been amended to be in independent form including all of the limitations of the base claim and any intervening claims. Claims 2-10, 21, 22, and 29 are also currently pending in this case. No new matter has been added by the amendments to the drawings, specification, or claims.

Claims 30-32 have been allowed.

The drawings have been objected to under 37 C.F.R. § 1.83(a) for not showing every feature of the invention specified in claim 25.

Claims 1-10 have been rejected under 35 U.S.C. § 112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicants regard as the invention, but would be allowable if rewritten to overcome the rejection under 35 U.S.C. § 112, second paragraph.

Claims 28 and 29 have been rejected under 35 U.S.C. § 112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicants regard as the invention, and have been objected to as being dependant upon a rejected base claim, but would be allowable if rewritten to overcome the rejection under 35 U.S.C. § 112, second paragraph and to include all of the limitations of the base claim and any intervening claims.

Claim 18 has been objected to because of an informality, and claims 18-27 have been objected to as being dependant upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Reconsideration of this application in light of the following remarks is hereby respectfully requested.

#### The Objection to the Drawings

The drawings have been objected to under 37 C.F.R. § 1.83(a) for not showing every feature of the invention specified in the claims, in particular the limitation of a comparator circuit of claim 25. The Examiner's objections are respectfully traversed.

As described above, FIG. 2 has been amended to correct inadvertent errors made by mistake and without deceptive intent. FIG. 2 has been amended to correlate with the specification and the originally filed claims. No new subject matter has been added. FIG. 2 has been amended such that the logical  $V_{UP}$  voltage on control node 297 is provided by the output of a comparator circuit 250 that compares the input voltage on node 291 with a minimum voltage required by a particular load. Support for the amendments appear in the specification at page 10, lines 6-11, as amended, and original claim 25, for example.

Therefore, for at least the above reasons, FIG. 2 shows the limitation of a comparator circuit of claim 25. As such, applicants respectfully request that the objections of the drawings under 37 C.F.R. § 1.83(a) be withdrawn.

The Rejections to the Claims

Claims 1-10, 28, and 29 have been rejected under 35 U.S.C. § 112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicants regard as the invention. The Examiner's rejections are respectfully traversed.

Claims 1-10

Applicants have amended claim 1 such that line 7 of the claim reads "a ground terminal" and not "said ground terminal," such that the recitation of "ground terminal" has antecedent basis. Therefore, for at least the above reasons, applicants respectfully request that the rejection of claim 1, and any claims dependant therefrom including claims 2-10, under 35 U.S.C. § 112, second paragraph be withdrawn.

The Examiner stated on page 7, lines 13 and 14 of the Office Action that claims 1-10 would be allowable if rewritten or amended to overcome the rejection under 35 U.S.C. § 112, second paragraph. Therefore, applicants respectfully submit that claims 1-10 are in condition for allowance.

Claims 28 and 29

Applicants have amended claim 28 such that line 3 of the claim reads "said first and second sub-circuits" and not "said first and third sub-circuits," such that the recitation of "sub-circuits" has antecedent basis. Therefore, for at least the above reasons, applicants respectfully request that the rejection of claim 28 and any claims dependant therefrom, including claim 29, under 35 U.S.C. § 112, second paragraph be withdrawn.

The Examiner stated on page 7, lines 15-17 of the Office Action that claims 28 and 29 would be allowable if rewritten to overcome the rejection under 35 U.S.C. § 112, second paragraph and to include all of the limitations of the base claim and any intervening claims. Applicants have further amended claim 28 to be in independent form including all of the

limitations of the base claim and any intervening claims. Therefore, applicants respectfully submit that claim 28 and any claims that depend therefrom, including claim 29, are in condition for allowance.

The Objection to the Claims

Claim 18 has been objected to because of an informality. The Examiner's objection is respectfully traversed.

As suggested by the Examiner, applicants have amended claim 18 such that line 8 of the claim reads "fourth" and not "ourth." Therefore, for at least the above reasons, applicants respectfully request that the objection of claim 18 be withdrawn.

The Examiner stated on page 7, lines 18-20 of the Office Action that each of claims 18-27 would be allowable if rewritten in independent form to include all of the limitations of the base claim and any intervening claims. Applicants have rewritten each of claims 18, 23, 26, and 27 to be in independent form including all of the limitations of the base claim and any intervening claims. Therefore, applicants respectfully submit that claims 18, 23, 26, and 27, and any claims that depend therefrom, including claims 19-22, 24, and 25, are in condition for allowance.

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Conclusion

The foregoing demonstrates that claims 1-10 and 18-32 are allowable. This application is therefore in condition for allowance.

Respectfully submitted,



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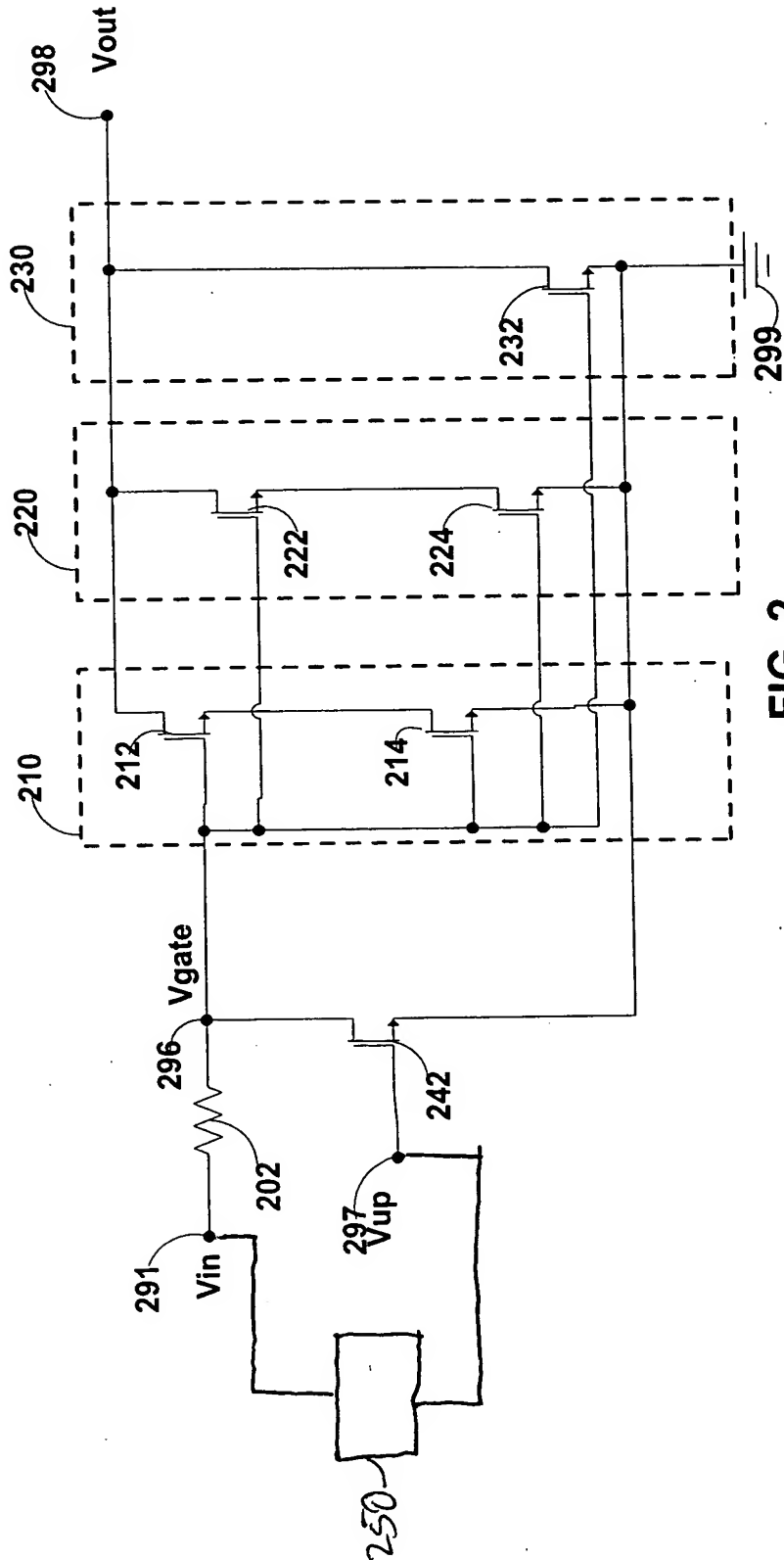


FIG. 2